

AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0001] with the following amended paragraph:

[0001] The present invention relates to accessing schematized contact data. More specifically, the present invention relates to utilizing contact data controls to ~~[[simply]]~~ simplify access to schematized contact data.

Please replace paragraph [0005] with the following amended paragraph:

[0005] In order for a user to obtain the contact information that will be used by a particular application, such as, for example, to initiate a communication or to fill out a form, a user can query a contact information directory that is associated with the application. Accessing a contact information directory, however, is somewhat undesirable because it can ~~[[increases]]~~ increase the total amount of time that is required of the user. Even when the contact information is already known, the delay in time it takes to manually enter the known contact information can also be undesirable.

Please replace paragraph [0006] with the following amended paragraph:

[0006] Contact information directories are typically configured to store only limited amounts of relevant information. For example, some contact information directories are configured to store only contact information specifically required by a corresponding application (e.g., a contact information directory associated with a telephony application may be configured to only store the telephone numbers and not e-mail addresses). Limiting the amount of contact information in a contact information directory can reduce the complexity of a corresponding interface, resulting in efficient access to contact information that is relevant at a particular time. For example, a telephony interface can provide ~~[[simply]]~~ simple and efficient access to telephone numbers.

Please replace paragraph [0016] with the following amended paragraph:

[0016] Accordingly, some mechanisms for utilizing a common concept of a contact across a number of applications have been developed. Contacts are created and stored with corresponding contact information in such a way that they can be accessed and utilized from a single contact store. For example, contact information can be stored according to a common contact schema that is accessible to applications that store and retrieve the contact information. Applications can be heterogeneous applications that utilize different portions of the contact information or utilize the same contact information in a variety of different ways.

Please replace paragraph [0039] with the following amended paragraph:

[0039] As described herein, a programming interface (or more simply, an interface) may be viewed as any mechanism, process, protocol for enabling one or more segment(s) of code to communicate with or access the functionality provided by one or more other segment(s) of code, such as, for example, to access contact data. Alternatively, a programming interface may be viewed as one or more mechanism(s), method(s), function call(s), module(s), object(s), etc., of a component of a system capable of communicative coupling to one or more mechanism(s), method(s), function call(s), module(s), etc., of other component(s). The term "segment of code" in the preceding sentence is intended to include one or more instructions or lines of code, and includes, e.g., code modules, objects, subroutines, functions, and so on, regardless of the terminology applied or whether the code segments are separately compiled, or whether the code segments are provided as source, intermediate, or object code, whether the code segments are utilized in a runtime system or process, or whether they are located on the same or different machines or distributed across multiple machines, or whether the functionality represented by the segments of code are implemented wholly in software, wholly in hardware, or a combination of hardware and software.

Please replace paragraph [0048] with the following amended paragraph:

[0048] Contact data controls can implement a wide variety of functionality. Some data controls provide user-interface data that can be accessed by an application to present a user-interface (hereinafter referred to as "user-interface contact data controls"). Other data controls can [[accesses]] access schematized contact data and/or translate between schematized and non-schematized contact data (hereinafter referred to as "data interface contact data controls"). Yet other data controls can provide combined functionality of both a user-interface contact data control and a data interface contact data control (hereinafter referred to as "combined contact data controls").

Please replace paragraph [0053] with the following amended paragraph:

[0053] Thus, in some embodiments, contact data can be viewed as being equivalent to a task. Accordingly, task execution can be more efficient, since a task can be executed as a result of a reduced number of user-entered commands. For example, double-clicking a telephone number can be more efficient [[that]] than navigating a number of menu options to select a dial command.

Please replace paragraph [0058] with the following amended paragraph:

[0058] A contact data [[controls]] control can intelligently resize interfaces presenting contact data based on user-input. For example, portions of an interface can be expanded or collapsed to correspondingly present more or less contact data. Resized interfaces can include a "more" option that allows collapsed contact data in collapsed positions of an interface to be presented. A user can provide input indicating the relative importance of different portions of contact data. More important contact data can be included in expanded portions of an interface, while less important contact data is accessible through a "more" option in collapsed portions of the interface.

Please replace paragraph [0062] with the following amended paragraph:

[0062] A contact data control can check for the validity of entered contact data. That is, an interface can check with a centralized contact store to validate the format of contact data before the contact data is schematized. For example, an interface can validate that telephone number field does not contain any letters, such as, for example, A, B, or C. It may be that a contact control data validates a format corresponding to a specified location. For example, an interface can validate that a United States telephone number included 7 numbers. A contact data control can access an international format repository to determine formats for different locations.

Please replace paragraph [0064] with the following amended paragraph:

[0064] A contact data control can translate user-entered contact data into schematized contact data. A contact control data can invoke a parser to parse user-entered data into appropriate data formats of a contact data schema. For example, an invoked parser can parse a user-entered string of numbers (e.g., 9998820333) into a formatted area code and local telephone number. It should be understood that a storing of [[number]] numbers is merely an example of user-entered contact data that can be parsed. It would be apparent to one skilled in the art, after having reviewed this description, that a wide variety of user-entered data, in addition to strings of numbers, can be parsed.

Please replace paragraph [0067] with the following amended paragraph:

[0067] The method 200 includes an act of calling a contact data control that abstracts the formatting of the schematized contact data from the application, the contact data control being external to the application (act 202). For example, application 103 can call contact data control 106. As previously described, contact data control 106 can be external to application 103. Accordingly, other applications, such as, for example, applications 102 and 104 may also call contact data control 106 (e.g., either a data interface contact data control or a combined contact data control) to access schematized contact data. Contact data control 106 can include any of the previously [[describe]] described contact data control functionality.

Please replace paragraph [0072] with the following amended paragraph:

[0072] Applications can request user-interface data from contact data controls (e.g., either a user-interface contact data control or a combined contact data control) to present an interface for receiving contact data from a user. For example, application 103 can send user-interface request 118 to contact data control 106. In response to user-interface request 118, contact data control 106 can return user-interface data 119 to application 103. Application 103 can access user-interface data 119 to provide a user-interface for receiving contact data from a user. Returned user-interface data can facilitate a user-interface including any of the [[previous]] previously described user-interface functionality. It may be that an application requests and presents a user-interface for receiving contact data from a user prior to updating schematized contact data.

Please replace paragraph [0081] with the following amended paragraph:

[0081] A monitor 547 or other display device is also connected to system bus 523 via video interface 548. Monitor 547 can display graphical objects, including text, generated by computer system 520. Other peripheral devices (not shown), such as, for example, speakers, printers, and scanners, can also be connected to computer system 520. Printers connected to computer system [[547]] 520 can print graphical objects, including text, generated by computer system 520.